

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E40592

Employer : Snohomish County Government

Worksite : Snohomish County

Street : 3000 Rockefeller Ave

Jurisdiction : City of Everett

Survey Date : 12/12/2016

Survey Type : Paper

Response Rate : 78%

Drive Alone & One-Way VMT Rates at this Worksite

Employees and Survey Response Information

Drive Alone : 73.0%

Reported Total Employees at Worksite: 1,800

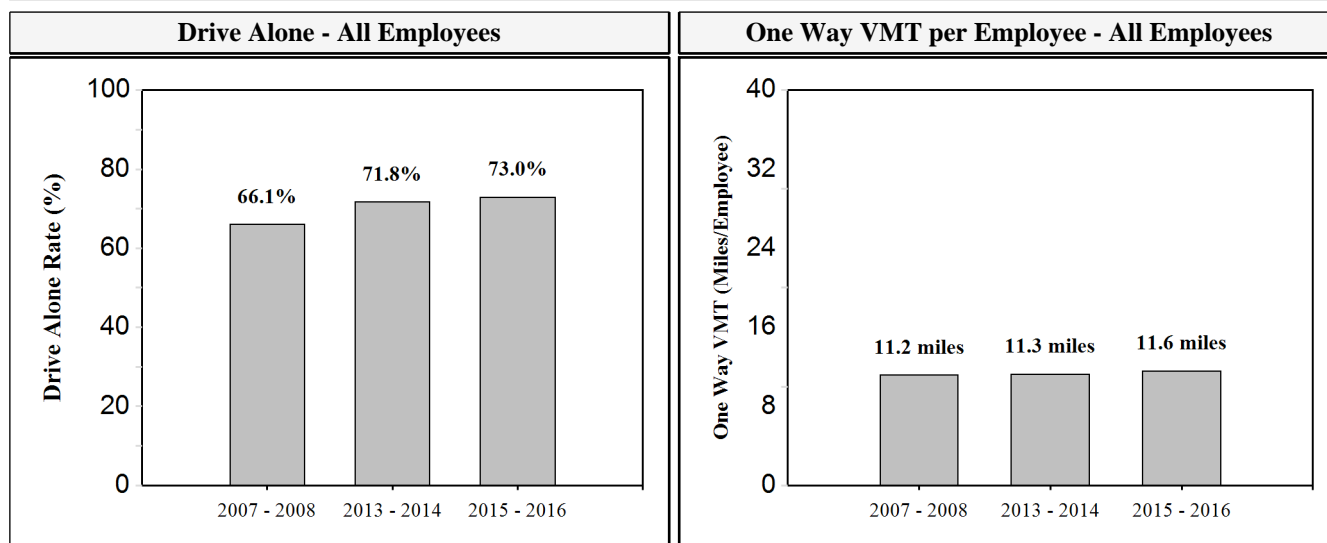
Surveys Distributed : 1,431

One-Way VMT per employee : 11.6

Surveys Returned : 1,115

Surveys Returned by CTR Affected Employees : 1,046

Total Estimated CTR - Affected Employees at Worksite : 1,342



Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	66.1%	65.5%	11.2	11.0
2009 - 2010	64.5%	64.1%	10.7	10.7
2011 - 2012	66.2%	65.7%	11.5	11.5
2013 - 2014	71.8%	71.4%	11.3	11.2
2015 - 2016	73.0%	72.7%	11.6	11.5
2017 - 2018	N/A	N/A	N/A	N/A
2019 - 2020	N/A	N/A	N/A	N/A
Goal	TBD	TBD	TBD	TBD
Percent Change	10.4%	11.0%	3.6%	4.5%

Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

	2007 - 2008	2013 - 2014	2015 - 2016
Drive Alone - All Employees*	66.1%	71.8%	73.0%
Drive Alone - CTR Affected Employees*	65.5%	71.4%	72.7%
VMT/Employee - All Employees	11.2	11.3	11.6
VMT/Employees - CTR Affected Employees	11.0	11.2	11.5

* Drive alone rate includes one person motorcycles.

Congratulations! You achieved a survey response rate of 70% or higher on this survey. Fill-in comparison for previous surveys, if applicable, are included in the chart above.

GHG Emissions: Total for Drive Alone, Carpools, Vanpools

Annual Greenhouse Gas Emissions (Metric Tons CO₂e) for Roundtrip Commute*

Value	2007 - 2008	2013 - 2014	2015 - 2016
Emissions for Surveyed Employees	2,903	2,463	2,530
Estimated Emissions for Total Employment	4,325	3,257	4,084

* Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

Bus Transit Passenger Miles and Rail Transit Passenger Miles*

Annual Transit Passenger Miles (includes Roundtrip Commute)	2007 - 2008	2013 - 2014	2015 - 2016
Bus Annual Passenger Miles - Estimated for Total Employment	964,860	912,392	1,200,592
Bus Annual Passenger Miles - Surveyed Employees	647,500	690,100	743,700
Ferry Annual Passenger Miles - Estimated for Total Employment	0	47,728	32,287
Ferry Annual Passenger Miles - Surveyed Employees	0	36,100	20,000
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	1,192	6,478	3,713
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	800	4,900	2,300

* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO₂e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO₂e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO₂e emissions per passenger mile for train/light rail/streetcar.

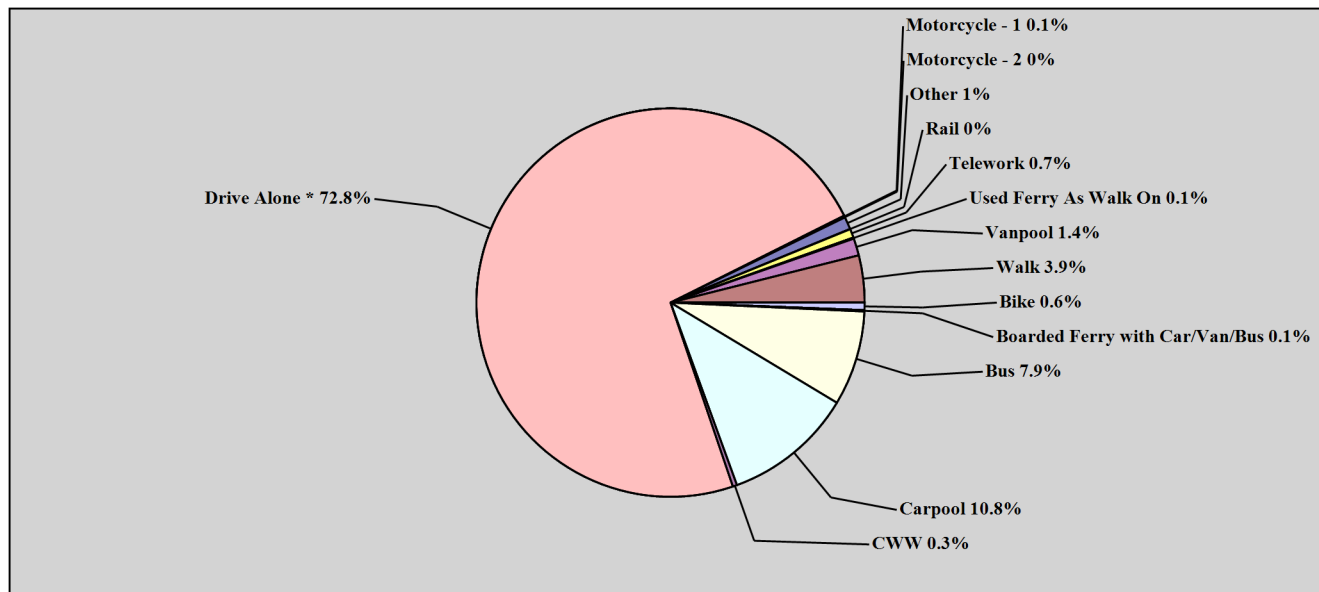
Q3.

One way, how many miles do you commute from home to your usual work location?
Average one-way distance home to work: 16.0 miles

Commute Trips By Mode - All Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



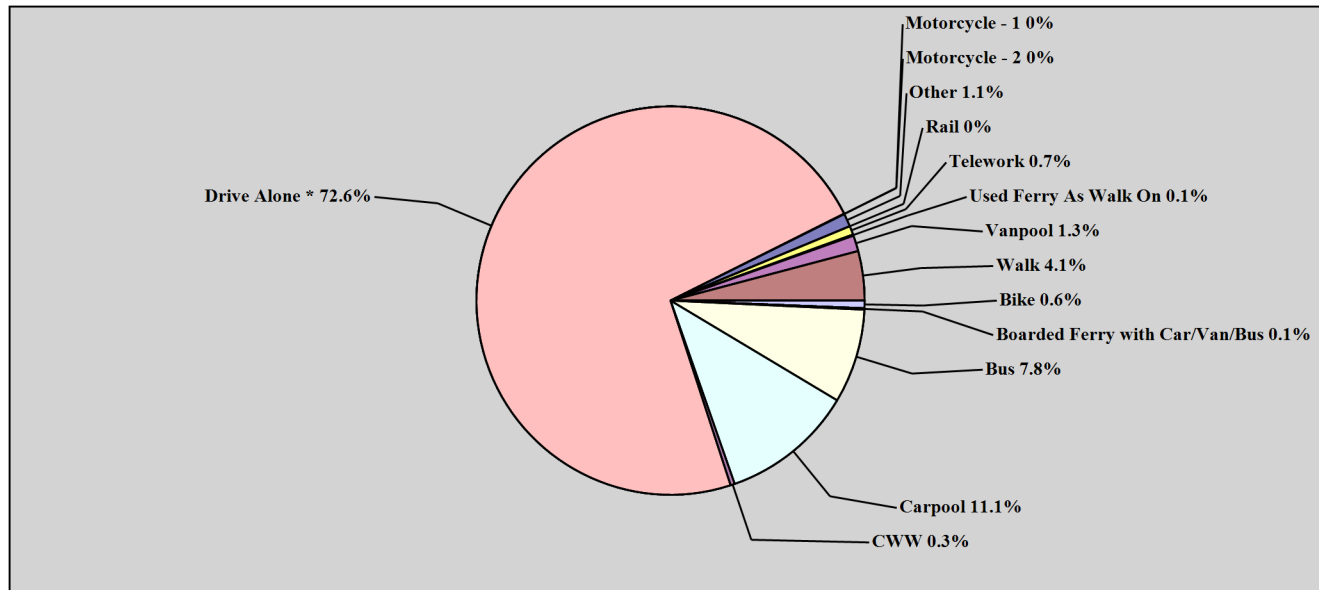
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	3,774	72.8%	71.7%	878	78.7%	79.1%
Carpool	561	10.8%	11.4%	151	13.5%	14.1%
Vanpool	74	1.4%	3.0%	20	1.8%	3.4%
Motorcycle - 1	7	0.1%	0.0%	3	0.3%	0.0%
Motorcycle - 2	1	0.0%	0.0%	1	0.1%	0.0%
Bus	409	7.9%	8.3%	116	10.4%	12.1%
Rail	1	0.0%	0.1%	1	0.1%	0.3%
Bike	32	0.6%	0.8%	10	0.9%	1.1%
Walk	203	3.9%	3.0%	51	4.6%	3.7%
Telework	38	0.7%	0.5%	32	2.9%	1.9%
CWW	18	0.3%	0.2%	18	1.6%	1.2%
Boarded Ferry with Car/Van/Bus	6	0.1%	0.2%	2	0.2%	0.2%
Used Ferry As Walk On	5	0.1%	0.1%	1	0.1%	0.2%
Other	54	1.0%	0.6%	17	1.5%	1.4%

* Drive alone mode includes fill-in, where applicable.

Commute Trips By Mode - Affected Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - Affected Employees



Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	3,586	72.6%	71.3%	830	79.4%	78.7%
Carpool	546	11.1%	11.8%	145	13.9%	14.6%
Vanpool	65	1.3%	3.1%	17	1.6%	3.5%
Motorcycle - 1	2	0.0%	0.0%	2	0.2%	0.0%
Motorcycle - 2	0	0.0%	0.0%	0	0.0%	0.0%
Bus	387	7.8%	8.3%	109	10.4%	12.2%
Rail	0	0.0%	0.1%	0	0.0%	0.3%
Bike	31	0.6%	0.8%	9	0.9%	1.1%
Walk	203	4.1%	3.0%	51	4.9%	3.6%
Telework	36	0.7%	0.4%	30	2.9%	1.7%
CWW	17	0.3%	0.2%	17	1.6%	1.1%
Boarded Ferry with Car/Van/Bus	6	0.1%	0.2%	2	0.2%	0.2%
Used Ferry As Walk On	5	0.1%	0.1%	1	0.1%	0.2%
Other	54	1.1%	0.6%	17	1.6%	1.5%

* Drive alone mode includes fill-in, where applicable.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	737	66%	1,115	100%
1 Days	60	5%	378	34%
2 Days	37	3%	318	29%
3 Days	35	3%	281	25%
4 Days	70	6%	246	22%
5 Days	175	16%	176	16%
6 or More Days	1	0%	1	0%

Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)

Employees who worked:	Drive Alone 5 days / week		Drive Alone 3 or 4 days / week		Used Bus At Least 3 days / week		Carpooled At Least 3 days / week		Used Rail At Least 3 days / week		Vanpooled At Least 3 times / week		Biked or Walked At Least 3 Days / week		Used 'Other' Modes At Least 3 Days / week		Used Non-Drive Alone At Least 3 Days / week	
5 days a week	556	58.5%	119	12.5%	68	7.2%	106	11.1%	0	0%	15	1.6%	43	4.5%	8	0.8%	247	26%
4 days a week (4/10s)	4	3.6%	72	65.5%	11	10%	6	5.5%	0	0%	0	0%	5	4.5%	2	1.8%	26	23.6%
3 days a week	0	0%	7	70%	0	0%	0	0%	0	0%	1	10%	0	0%	0	0%	1	10%
9 days in 2 weeks (9/80)	3	27.3%	6	54.5%	1	9.1%	1	9.1%	0	0%	0	0%	0	0%	0	0%	2	18.2%
7 days in 2 weeks	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Other	0	0%	7	46.7%	1	6.7%	2	13.3%	0	0%	0	0%	0	0%	0	0%	4	26.7%

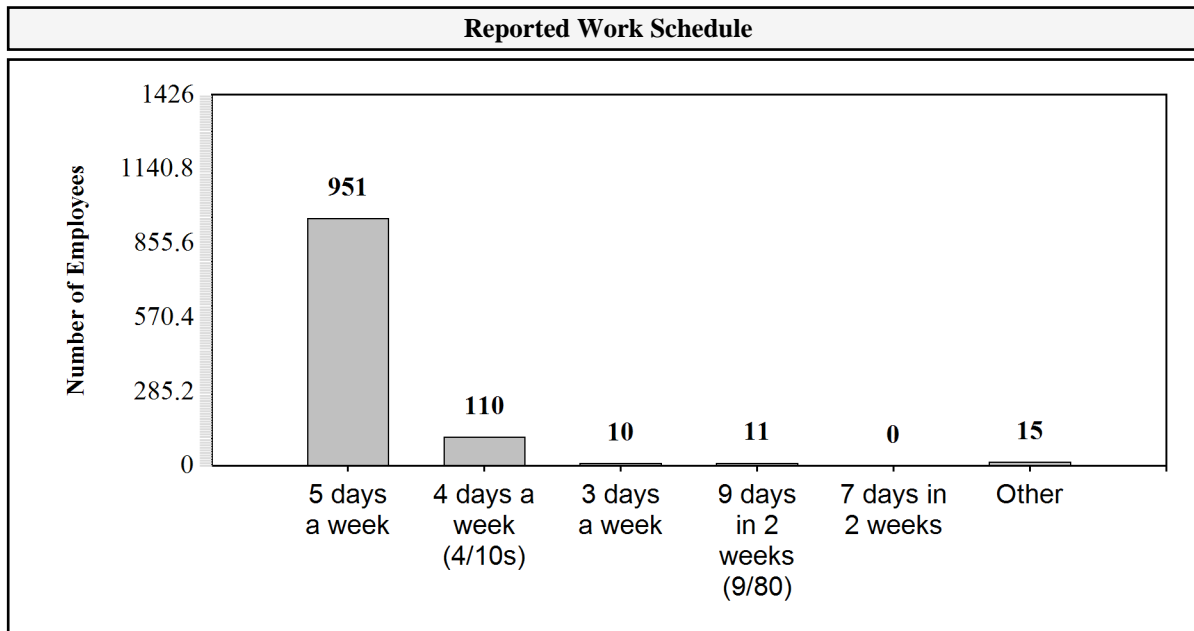
Count by Occupancy of Carpools, Vanpools, and Motorcycles

Q.4b If you used a carpool or vanpool as part of your commute, or if you ride a motorcycle, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
1	Motorcycle	8
2	Motorcycle	0
2	Carpool	504
3	Carpool	40
4	Carpool	15
5	Carpool	0
>5	Carpool	2
<5	Vanpool	8
5	Vanpool	3
6	Vanpool	28
7	Vanpool	19
8	Vanpool	11
9	Vanpool	0
10	Vanpool	0
11	Vanpool	1
12	Vanpool	4
13	Vanpool	0
14	Vanpool	0
15	Vanpool	0

Reported Work Schedule - All Employees

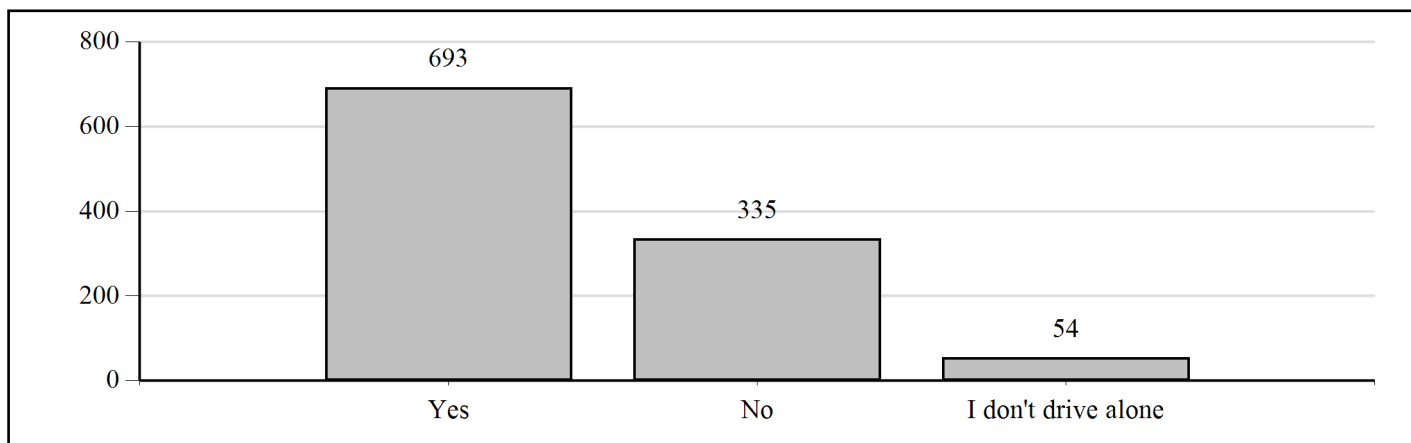
Q.5 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	951	86.7%
4 days a week (4/10s)	110	10%
3 days a week	10	0.9%
9 days in 2 weeks (9/80)	11	1%
7 days in 2 weeks	0	0%
Other	15	1.4%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	25	2.2%
I don't telework	937	84.0%
Occasionally, on an as-needed basis	119	10.7%
1-2 days/month	14	1.3%
1 day/week	14	1.3%
2 days/week	4	0.4%
3 days/week	2	0.2%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
To save money	289	16.9%
Free or subsidized bus, train, vanpool pass or fare benefit	239	13.9%
Cost of parking or lack of parking	238	13.9%
Environmental and community benefits	169	9.9%
Financial incentives for carpooling, bicycling or walking.	167	9.7%
Personal health or well-being	161	9.4%
Other	144	8.4%
Driving myself is not an option	79	4.6%
I have the option of teleworking	69	4.0%
To save time using the HOV lane	62	3.6%
Preferred/reserved carpool/vanpool parking is provided	42	2.5%
Emergency ride home is provided	41	2.4%
I receive a financial incentive for giving up my parking space	14	0.8%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	664	26.1%
Riding the bus or train is inconvenient or takes too long	654	25.7%
Family care or similar obligations	478	18.8%
Other	273	10.7%
My commute distance is too short	178	7.0%
My job requires me to use my car for work	157	6.2%
Bicycling or walking isn't safe	103	4.0%
I need more information on alternative modes	34	1.3%
There isn't any secure or covered bicycle parking	3	0.1%

Employee Transit Use - All Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	7	7	0	5	0	0	8	0	2	3
2	11	9	1	1	0	0	6	0	1	4
3	3	0	0	1	1	0	3	0	1	0
4	11	7	0	1	0	0	2	0	2	1
5	11	5	0	0	0	0	4	0	2	3
6	2	3	0	0	0	0	4	0	1	0
7	0	0	0	0	0	0	0	0	0	0
8	9	3	0	2	0	0	2	0	1	7
9	0	1	0	0	0	0	0	0	0	0
10	15	11	0	1	0	0	0	0	8	11
11 or more	3	0	0	1	0	0	2	0	0	0
# Of Employees using Transit	72	46	1	12	1	0	31	0	18	29
Total One-Way Transit Trips Per Week	428	239	2	54	3	0	124	0	119	196

Employee Transit Use - Affected Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	6	7	0	4	0	0	8	0	2	3
2	10	9	1	1	0	0	6	0	1	3
3	3	0	0	1	1	0	3	0	1	0
4	10	7	0	1	0	0	1	0	2	1
5	11	5	0	0	0	0	4	0	2	2
6	2	3	0	0	0	0	3	0	1	0
7	0	0	0	0	0	0	0	0	0	0
8	8	3	0	2	0	0	2	0	1	7
9	0	1	0	0	0	0	0	0	0	0
10	15	11	0	1	0	0	0	0	8	11
11 or more	2	0	0	1	0	0	2	0	0	0
# Of Employees using Transit	67	46	1	11	1	0	29	0	18	27
Total One-Way Transit Trips Per Week	394	239	2	53	3	0	114	0	119	189

Commute Mode By ZipCode for All Employees

Q8. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
	20	1.79%	31	6	0	0	0	0	0	0	1	1	0	0	0
88292	1	0.09%	0	0	0	0	0	0	0	0	0	0	0	0	0
9	1	0.09%	0	5	0	0	0	0	0	0	0	0	0	0	0
90 3	1	0.09%	0	0	0	0	5	0	0	0	0	0	0	0	0
98003	1	0.09%	4	0	0	0	0	0	0	0	1	0	0	0	0
98004	1	0.09%	5	0	0	0	0	0	0	0	0	0	0	0	0
98005	1	0.09%	4	0	0	0	0	0	0	0	1	0	0	0	0
98008	1	0.09%	5	0	0	0	0	0	0	0	0	0	0	0	0
98011	4	0.36%	17	0	0	0	3	0	0	0	0	0	0	0	0
98012	42	3.77%	189	2	0	0	13	0	0	0	1	0	0	0	0
98019	3	0.27%	15	0	0	0	0	0	0	0	0	0	0	0	0
98020	12	1.08%	42	4	0	0	12	0	0	0	0	0	0	0	0
98021	15	1.35%	58	0	0	0	9	0	0	0	0	0	0	0	0
98026	25	2.24%	99	4	0	0	14	0	0	0	0	0	0	0	5
98028	3	0.27%	15	0	0	0	0	0	0	0	0	0	0	0	0
98032	1	0.09%	5	0	0	0	0	0	0	0	0	0	0	0	0
98033	3	0.27%	15	0	0	0	0	0	0	0	0	0	0	0	0
98034	4	0.36%	18	0	0	0	2	0	0	0	0	0	0	0	0
98036	16	1.43%	64	1	0	0	4	0	0	0	0	2	0	0	0
98037	11	0.99%	42	4	0	0	7	0	0	0	0	0	0	0	0
98043	5	0.45%	8	0	0	0	13	0	2	0	0	0	0	0	0
98045	1	0.09%	5	0	0	0	0	0	0	0	0	0	0	0	0
98072	5	0.45%	19	1	0	0	0	0	0	0	0	1	0	0	2
98077	3	0.27%	15	0	0	0	0	0	0	0	0	0	0	0	0
98082	1	0.09%	5	0	0	0	0	0	0	0	0	0	0	0	0
98087	20	1.79%	80	4	0	0	14	0	0	0	0	0	0	0	0



98101	1	0.09%	0	0	0	0	5	0	0	0	0	0	0	0
98102	2	0.18%	9	0	0	0	0	0	0	0	1	0	0	0
98103	5	0.45%	18	0	0	0	5	0	0	0	1	0	0	0
98104	1	0.09%	5	0	0	0	0	0	0	0	0	0	0	0
98105	4	0.36%	14	2	0	0	3	0	0	0	0	0	0	0
98106	1	0.09%	5	0	0	0	0	0	0	0	0	0	0	0
98107	1	0.09%	5	0	0	0	0	0	0	0	0	0	0	0
98109	1	0.09%	0	0	3	0	0	0	0	0	0	0	0	0
98112	1	0.09%	5	0	0	0	0	0	0	0	0	0	0	0
98115	9	0.81%	28	4	11	0	2	0	0	0	0	0	0	0
98117	7	0.63%	24	0	5	0	0	0	0	0	0	0	0	0
98118	2	0.18%	5	0	0	0	0	0	0	0	0	0	0	0
98119	2	0.18%	2	0	5	0	1	0	0	0	0	0	0	0
98122	3	0.27%	7	0	1	0	6	0	0	0	0	0	0	0
98125	9	0.81%	29	0	7	0	6	0	0	0	3	0	0	0
98126	1	0.09%	4	0	0	0	0	0	0	0	1	0	0	0
98133	6	0.54%	18	0	0	0	5	0	0	0	1	0	0	2
98144	2	0.18%	2	4	2	0	1	0	0	0	1	0	0	0
98155	8	0.72%	20	1	5	1	6	1	1	0	0	1	0	0
98170	1	0.09%	4	0	0	0	0	0	0	0	0	0	0	0
98177	10	0.90%	28	6	3	0	5	0	0	0	1	0	0	0
98188	1	0.09%	5	0	0	0	0	0	0	0	0	0	0	0
98200	1	0.09%	5	0	0	0	0	0	0	0	0	0	0	0
98201	103	9.24%	206	29	0	1	29	0	21	193	2	1	0	5
98202	2	0.18%	5	0	0	0	0	0	0	0	2	0	0	3
98203	64	5.74%	178	75	0	0	36	0	4	8	1	0	0	1
98204	23	2.06%	96	0	0	0	3	0	0	0	0	0	0	0
98205	1	0.09%	5	0	0	0	0	0	0	0	0	0	0	0
98208	64	5.74%	272	16	0	5	0	0	0	0	0	2	0	1
98209	1	0.09%	5	0	0	0	0	0	0	0	0	0	0	0
98221	1	0.09%	5	0	0	0	0	0	0	0	0	0	0	0
98223	73	6.55%	240	88	0	0	9	0	0	0	5	2	0	9
98226	1	0.09%	0	0	0	0	5	0	0	0	0	0	0	0
98229	4	0.36%	9	1	0	0	7	0	0	0	0	0	0	0
98232	1	0.09%	0	0	0	0	4	0	0	0	0	0	0	0
98233	5	0.45%	11	1	0	0	12	0	0	0	0	0	0	0
98235	1	0.09%	0	0	0	0	5	0	0	0	0	0	0	0



98236	8	0.72%	5	0	0	0	14	0	0	0	1	0	4	0	5
98237	1	0.09%	3	0	0	0	0	0	0	0	2	0	0	0	0
98239	1	0.09%	0	0	0	0	0	0	0	0	0	0	0	0	0
98249	1	0.09%	0	0	0	0	5	0	0	0	0	0	0	0	0
98251	2	0.18%	10	0	0	0	0	0	0	0	0	0	0	0	0
98252	14	1.26%	43	4	0	0	14	0	0	0	1	0	0	0	0
98253	2	0.18%	2	0	0	0	8	0	0	0	0	0	0	0	0
98257	1	0.09%	1	2	0	0	0	0	0	0	0	0	0	0	0
98258	106	9.51%	404	81	0	0	15	0	0	0	0	0	0	0	1
98260	2	0.18%	0	0	0	0	0	0	4	0	0	0	0	5	0
9827	1	0.09%	4	0	0	0	0	0	0	0	0	0	0	0	0
98270	99	8.88%	355	88	0	0	9	0	0	0	4	2	0	0	8
98271	38	3.41%	146	13	0	0	17	0	0	0	1	2	0	0	4
98272	28	2.51%	99	15	0	0	11	0	0	0	0	1	0	0	0
98273	7	0.63%	15	3	5	0	9	0	0	0	2	0	0	0	0
98274	3	0.27%	10	0	0	0	4	0	0	0	0	0	0	0	0
98275	32	2.87%	126	16	0	0	5	0	0	0	1	0	0	0	0
98277	1	0.09%	5	0	0	0	0	0	0	0	0	0	0	0	0
98282	19	1.70%	42	20	5	0	21	0	0	0	0	1	0	0	2
98284	7	0.63%	15	4	10	0	2	0	0	2	0	1	0	0	0
98290	49	4.39%	197	15	0	0	10	0	0	0	1	0	0	0	6
98292	39	3.50%	140	22	12	1	9	0	0	0	2	1	0	0	0
98293	2	0.18%	10	0	0	0	0	0	0	0	0	0	0	0	0
98294	2	0.18%	9	0	0	0	0	0	0	0	0	0	0	0	0
98296	22	1.97%	83	20	0	0	5	0	0	0	0	0	0	0	0
98299	1	0.09%	5	0	0	0	0	0	0	0	0	0	0	0	0
98340	1	0.09%	1	0	0	0	0	0	0	0	0	0	2	0	0
98503	1	0.09%	5	0	0	0	0	0	0	0	0	0	0	0	0
99208	1	0.09%	5	0	0	0	0	0	0	0	0	0	0	0	0